

## ✓ Checkpoint Quiz 1

Use with Lessons 4-1 through 4-3.

Test each number for divisibility by 2, 3, 5, 9, and 10.

1. 135 \_\_\_\_\_ 2. 1,006 \_\_\_\_\_ 3. 170 \_\_\_\_\_

Simplify each expression.

4.  $5^3$  \_\_\_\_\_ 5.  $10^2 - (6 + 4^3)$  \_\_\_\_\_ 6.  $(8 + 4)^2 \cdot 3^3$  \_\_\_\_\_

Find the prime factorization of each number.

7. 300 \_\_\_\_\_ 8. 72 \_\_\_\_\_ 9. 68 \_\_\_\_\_

10. A choir director is arranging 240 students in rows for the spring concert. She wants the same number of students in each row, and each row can be no more than 8 students long. What are the possible arrangements of students she can make?
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Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

## ✓ Checkpoint Quiz 2

Use with Lessons 4-4 through 4-6.

Find the GCF of each set of numbers.

1. 15, 27 \_\_\_\_\_ 2. 125, 250 \_\_\_\_\_ 3. 132, 156 \_\_\_\_\_

Write each mixed number as an improper fraction. Write each improper fraction as a mixed number in simplest form.

4.  $\frac{26}{5}$  \_\_\_\_\_ 5.  $5\frac{3}{8}$  \_\_\_\_\_ 6.  $\frac{106}{12}$  \_\_\_\_\_

7. John is making flower arrangements for his sister's wedding. He has 108 roses, 72 irises, and 144 daisies. John is going to distribute the flowers evenly among 9 bouquets. How many of each flower will be in a bouquet?
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